

### **AMENDMENTS TO THE CLAIMS**

1. **(Currently Amended)** An adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen, the adsorbent comprising a tryptophan derivative and a polyanionic compound which are immobilized on a water-insoluble porous carrier, wherein the amount of the immobilized polyanionic compound is 0.10  $\mu\text{mol}$  to 1.5  $\mu\text{mol}$  per milliliter of wet volume of the adsorbent, and the molar ratio of the amount of the immobilized tryptophan derivative to the amount of the immobilized polyanionic compound is 1 to 70; wherein said adsorbent is capable of whole blood treatment without separation of the plasma and said adsorbent specifically adsorbs low-density lipoproteins and fibrinogen, and the polyanionic compound is dextran sulfate.

2. **(Cancelled)**

3. **(Previously Presented)** The adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 1, wherein the tryptophan derivative is tryptophan.

4. **(Previously Presented)** The adsorbent capable, of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 1, wherein the water-insoluble porous carrier is a cellulose carrier.

5. **(Previously Presented)** The adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 1, wherein the water-insoluble porous carrier has a molecular weight exclusion limit of  $5 \times 10^5$  to  $1 \times 10^8$  for globular proteins.

6. **(Previously Presented)** A method for adsorbing low-density lipoproteins and fibrinogen from a body fluid, the method comprising bringing the adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 1 into contact with a body fluid containing low-density lipoproteins and fibrinogen.

7. **(Currently Amended)** An adsorber capable of whole blood treatment for

adsorbing ~~absorbing~~ low-density lipoproteins and fibrinogen, the adsorber comprising a container having a fluid inlet, a fluid oulet ~~eutlet~~, and means for preventing an outflow of an adsorbent to the outside, wherein the container is filled with the adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 1.

8. **(Currently Amended)** The adsorber capable of whole blood treatment for adsorbing ~~absorbing~~ low-density lipoproteins and fibrinogen according to claim 7, wherein the capacity of the adsorber is 100 ml to 400 ml.

9. **(Cancelled)**

10. **(Cancelled)**

11. **(Previously Presented)** The adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 3, wherein the water-insoluble porous carrier is a cellulose carrier.

12. **(Cancelled)**

13. **(Cancelled)**

14. **(Previously Presented)** The adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 3, wherein the water-insoluble porous carrier has a molecular weight exclusion limit of  $5 \times 10^5$  to  $1 \times 10^8$  for globular proteins.

15. **(Previously Presented)** The adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 4, wherein the water-insoluble porous carrier has a molecular weight exclusion limit of  $5 \times 10^5$  to  $1 \times 10^8$  for globular proteins.

16. (Previously Presented) A method for adsorbing low-density lipoproteins and fibrinogen from a body fluid, the method comprising bringing the adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 5 into contact with a body fluid containing low-density lipoproteins and fibrinogen.

17. **(Currently Amended)** An adsorber capable of whole blood treatment for adsorbing ~~absorbing~~ low-density lipoproteins and fibrinogen, the adsorber comprising a container having a fluid inlet, a fluid cutlet, and means for preventing an outflow of an adsorbent to the outside, wherein the container is filled with the adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 5.

18. **(Currently Amended)** An adsorber capable of whole blood treatment for adsorbing ~~absorbing~~ low-density lipoproteins and fibrinogen, the adsorber comprising a container having a fluid inlet, a fluid cutlet, and means for preventing an outflow of an adsorbent to the outside, wherein the container is filled with the adsorbent capable of whole blood treatment for adsorbing low-density lipoproteins and fibrinogen according to claim 6.